

transmitter that could not have been authorized under the regulations in effect prior to June 23, 1989, e.g., a transmitter operating under the provisions of § 15.209 or § 15.249 (below 960 MHz), the transition provisions in this section do not apply. Such receivers must comply with the regulations in this part. In addition, receivers are subject to the provisions in paragraph (f) of this section.

(c) There are no restrictions on the operation or marketing of equipment complying with the regulations in effect prior to June 23, 1989.

(d) Prior to May 25, 1991, person shall import, market or operate intentional radiators within the band 902–905 MHz under the provisions of § 15.249. Until that date, the Commission will not issue a grant of equipment authorization for equipment operating under § 15.249 if the equipment is designed to permit operation within the band 902–905 MHz.

(e) *For cordless telephones:* The manufacture and importation of cordless telephones not complying with § 15.214(d) of this part shall cease on or before September 11, 1991. These provisions will not apply to cordless telephones which are repaired or refurbished, or re-imported after repair or refurbishment. Applications for a grant of equipment authorization of cordless telephones not complying with § 15.214(d) of this part will not be accepted by the Commission after May 10, 1991. Cordless telephones that have previously received equipment authorization and that, without modification, already comply with the requirements of § 15.214(d) of this part, need not be re-authorized.

(f) The manufacture or importation of scanning receivers, and frequency converters designed or marketed for use with scanning receivers, that do not comply with the provisions of § 15.121 shall cease on or before April 26, 1994. Effective April 26, 1993, the Commission will not grant equipment authorization for receivers that do not comply with the provisions of § 15.121 of this part. This paragraph does not prohibit the sale or use of authorized receivers manufactured in the United States, or imported into the United States, prior to April 26, 1994.

(g) For CPU boards and power supplies designed to be used with personal computers: The manufacture and importation of these products shall cease on or before June 19, 1997 unless these products have been authorized under a Declaration of Conformity or a grant of certification, demonstrating compliance with all of the provisions in this part. Limited provisions, as detailed in § 15.101(d), are provided to permit the importation and manufacture of these products subsequent to this date where the CPU boards and/or power supplies are marketed only to personal computer equipment manufacturers.

[54 FR 17714, Apr. 25, 1989; 54 FR 32339, Aug. 7, 1989; 55 FR 25095, June 20, 1990; 56 FR 3785, Jan. 31, 1991; 58 FR 25575, Apr. 27, 1993; 61 FR 31049, June 19, 1996]

## Subpart B—Unintentional Radiators

### § 15.101 Equipment authorization of unintentional radiators.

(a) Except as otherwise exempted in §§ 15.23, 15.103, and 15.113, unintentional radiators shall be authorized prior to the initiation of marketing, as follows:

Type of device	Equipment authorization required
TV broadcast receiver .....	Verification.
FM broadcast receiver .....	Verification.
CB receiver .....	Declaration of Conformity or Certification.
Superregenerative receiver ...	Declaration of Conformity or Certification.
Scanning receiver .....	Certification.
All other receivers subject to part 15.	Declaration of Conformity or Certification.
TV interface device .....	Declaration of Conformity or Certification.
Cable system terminal device	Declaration of Conformity.
Stand-alone cable input selector switch.	Verification.
Class B personal computers and peripherals.	Declaration of Conformity or Certification.
CPU boards and internal power supplies used with Class B personal computers.	Declaration of Conformity or Certification.
Class B personal computers assembled using authorized CPU boards or power supplies..	Declaration of Conformity.
Class B external switching power supplies.	Verification.
Other Class B digital devices & peripherals.	Verification.
Class A digital devices, peripherals & external switching power supplies..	Verification.
All other devices .....	Verification.

NOTE TO TABLE: Where the above table indicates more than one category of authorization for a device, the party responsible for compliance has the option to select the type of authorization.

(b) Only those receivers that operate (tune) within the frequency range of 30–960 MHz and CB receivers are subject to the authorizations shown in paragraph (a) of this section. However, receivers indicated as being subject to Declaration of Conformity that are contained within a transceiver, the transmitter portion of which is subject to certification, shall be authorized under the verification procedure. Receivers operating above 960 MHz or below 30 MHz, except for CB receivers, are exempt from complying with the technical provisions of this part but are subject to § 15.5.

(c) Personal computers shall be authorized in accordance with one of the following methods:

(1) The specific combination of CPU board, power supply and enclosure is tested together and authorized under a Declaration of Conformity or a grant of certification;

(2) The personal computer is authorized under a Declaration of Conformity or a grant of certification, and the CPU board or power supply in that computer is replaced with a CPU board or power supply that has been separately authorized under a Declaration of Conformity or a grant of certification; or

(3) The CPU board and power supply used in the assembly of a personal computer have been separately authorized under a Declaration of Conformity or a grant of certification; and

(4) Personal computers assembled using either of the methods specified in paragraphs (c)(2) or (c)(3) of this section must, by themselves, also be authorized under a Declaration of Conformity if they are marketed. However, additional testing is not required for this Declaration of Conformity, provided the procedures in § 15.102(b) are followed.

(d) Peripheral devices, as defined in § 15.3(r), shall be authorized under a Declaration of Conformity, or a grant of certification, or verified, as appropriate, prior to marketing. Regardless of the provisions of paragraphs (a) or (c) of this section, if a CPU board,

power supply, or peripheral device will always be marketed with a specific personal computer, it is not necessary to obtain a separate authorization for that product provided the specific combination of personal computer, peripheral device, CPU board and power supply has been authorized under a Declaration of Conformity or a grant of certification as a personal computer.

(1) No authorization is required for a peripheral device or a subassembly that is sold to an equipment manufacturer for further fabrication; that manufacturer is responsible for obtaining the necessary authorization prior to further marketing to a vendor or to a user.

(2) Power supplies and CPU boards that have not been separately authorized and are designed for use with personal computers may be imported and marketed only to a personal computer equipment manufacturer that has indicated, in writing, to the seller or importer that they will obtain a Declaration of Conformity or a grant of certification for the personal computer employing these components.

(e) Subassemblies to digital devices are not subject to the technical standards in this part unless they are marketed as part of a system in which case the resulting system must comply with the applicable regulations. Subassemblies include:

(1) Devices that are enclosed solely within the enclosure housing the digital device, except for: power supplies used in personal computers; devices included under the definition of a peripheral device in § 15.3(r); and personal computer CPU boards, as defined in § 15.3(bb);

(2) CPU boards, as defined in § 15.3(bb), other than those used in personal computers, that are marketed without an enclosure or power supply; and

(3) Switching power supplies that are separately marketed and are solely for use internal to a device other than a personal computer.

(f) The procedures for obtaining a grant of certification or notification and for verification and a Declaration

of Conformity are contained in subpart J of part 2 of this chapter.

[54 FR 17714, Apr. 25, 1989, as amended at 61 FR 31050, June 19, 1996; 62 FR 41881, Aug. 4, 1997; 63 FR 36602, July 7, 1998]

EFFECTIVE DATE NOTE: At 63 FR 36602, July 7, 1998, in § 15.101, paragraphs (a) and (b) were revised, effective Oct. 5, 1998. For the convenience of the user, the superseded text is set forth as follows:

**§ 15.101 Equipment authorization of unintentional radiators.**

(a) Except as otherwise exempted in §§ 15.23, 15.103, and 15.113, unintentional radiators shall be authorized by the Commission or verified prior to the initiation of marketing, as follows:

Type of device	Equipment authorization required
TV broadcast receiver .....	Verification
FM broadcast receiver .....	Verification
CB receiver .....	Certification
Superregenerative receiver ...	Certification
Scanning receiver .....	Certification
All other receivers subject to part 15.	Notification
TV interface device .....	Certification
Cable system terminal device	Notification
Stand-alone cable input selector switch.	Verification
Class B personal computers and peripherals.	Declaration of Conformity or Certification
CPU boards and internal power supplies used with Class B personal computers.	Declaration of Conformity or Certification
Class B personal computers assembled using authorized CPU boards or power supplies.	Declaration of Conformity
Class B external switching power supplies.	Verification
Other Class B digital devices & peripherals.	Verification
Class A digital devices, peripherals & external switching power supplies.	Verification
All other devices .....	Verification

(b) Only those receivers that operate (tune) within the frequency range of 30-960 MHz and CB receivers are subject to the authorizations shown in paragraph (a) of this section. However, receivers indicated as being subject to notification that are contained within a transceiver, the transmitter portion of which is subject to type acceptance, certification or notification, shall be authorized under the verification procedure. Receivers operating above 960 MHz or below 30 MHz, except for CB receivers, are exempt from complying with the technical provisions of this part but are subject to § 15.5.

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**§ 15.102 CPU boards and power supplies used in personal computers.**

(a) Authorized CPU boards and power supplies that are sold as separate components shall be supplied with complete installation instructions. These instructions shall specify all of the installation procedures that must be followed to ensure compliance with the standards, including, if necessary, the type of enclosure, e.g., a metal enclosure, proper grounding techniques, the use of shielded cables, the addition of any needed components, and any necessary modifications to additional components.

(1) Any additional parts needed to ensure compliance with the standards, except for the enclosure, are considered to be special accessories and, in accordance with § 15.27, must be marketed with the CPU board or power supply.

(2) Any modifications that must be made to a personal computer, peripheral device, CPU board or power supply during installation of a CPU board or power supply must be simple enough that they can be performed by the average consumer. Parts requiring soldering, disassembly of circuitry or other similar modifications are not permitted.

(b) Assemblers of personal computer systems employing modular CPU boards and/or power supplies are not required to test the resulting system provided the following conditions are met:

(1) Each device used in the system has been authorized as required under this part (according to § 15.101(e), some subassemblies used in a personal computer system may not require an authorization);

(2) The original label and identification on each piece of equipment remain unchanged;

(3) Each responsible party's instructions to ensure compliance (including, if necessary, the use of shielded cables or other accessories or modifications) are followed when the system is assembled;

(4) If the system is marketed, the resulting equipment combination is authorized under a Declaration of Conformity pursuant to § 15.101(c)(4) and a compliance information statement, as described in § 2.1077(b), is supplied with